

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMARK

Report Number: P1066964

Luminaire Tested: **NAV-SA2D-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066964
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2D-727-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 2xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10714.2 lumens
Efficiency: N/A
Efficacy: 100.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 107
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

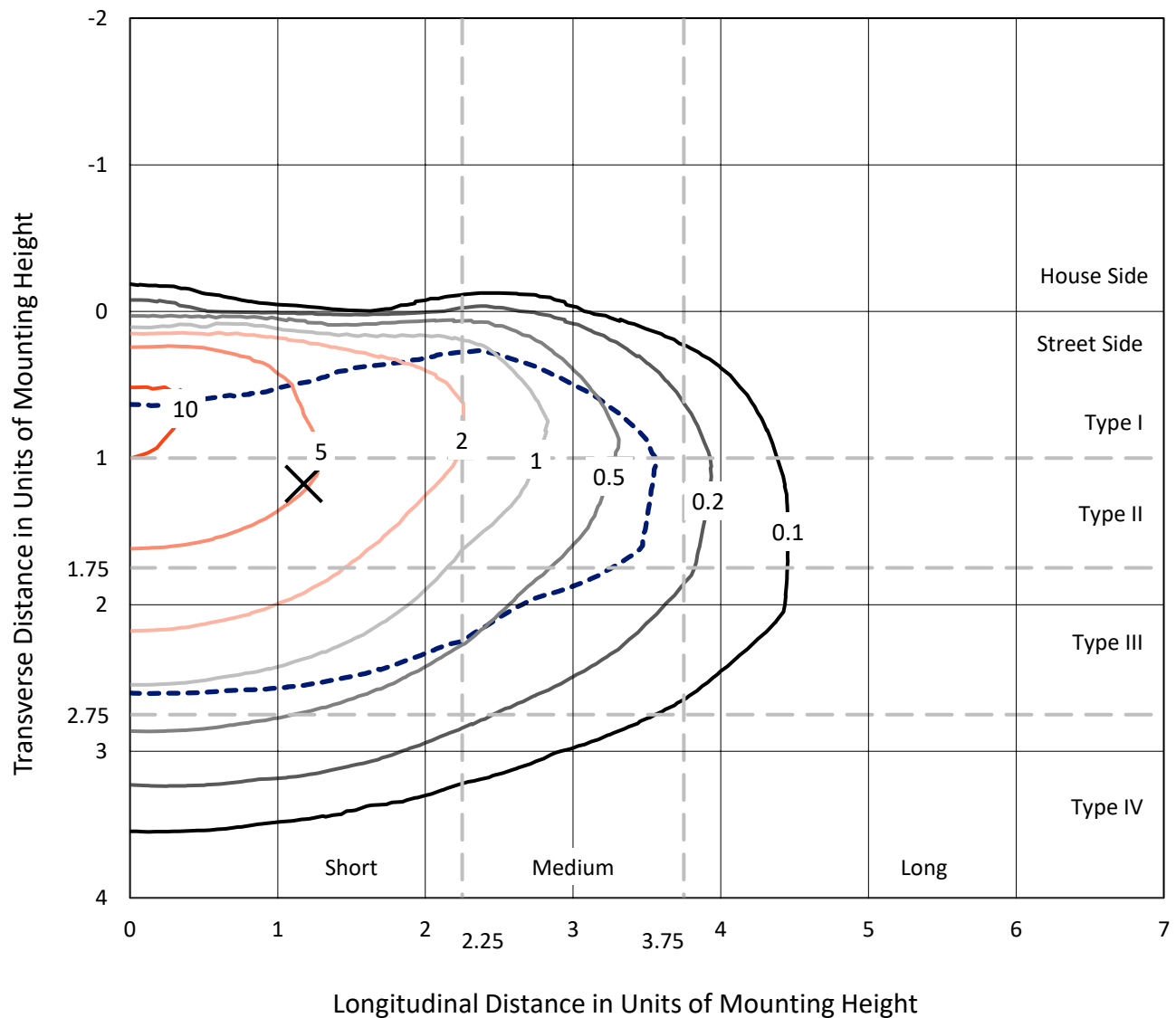


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

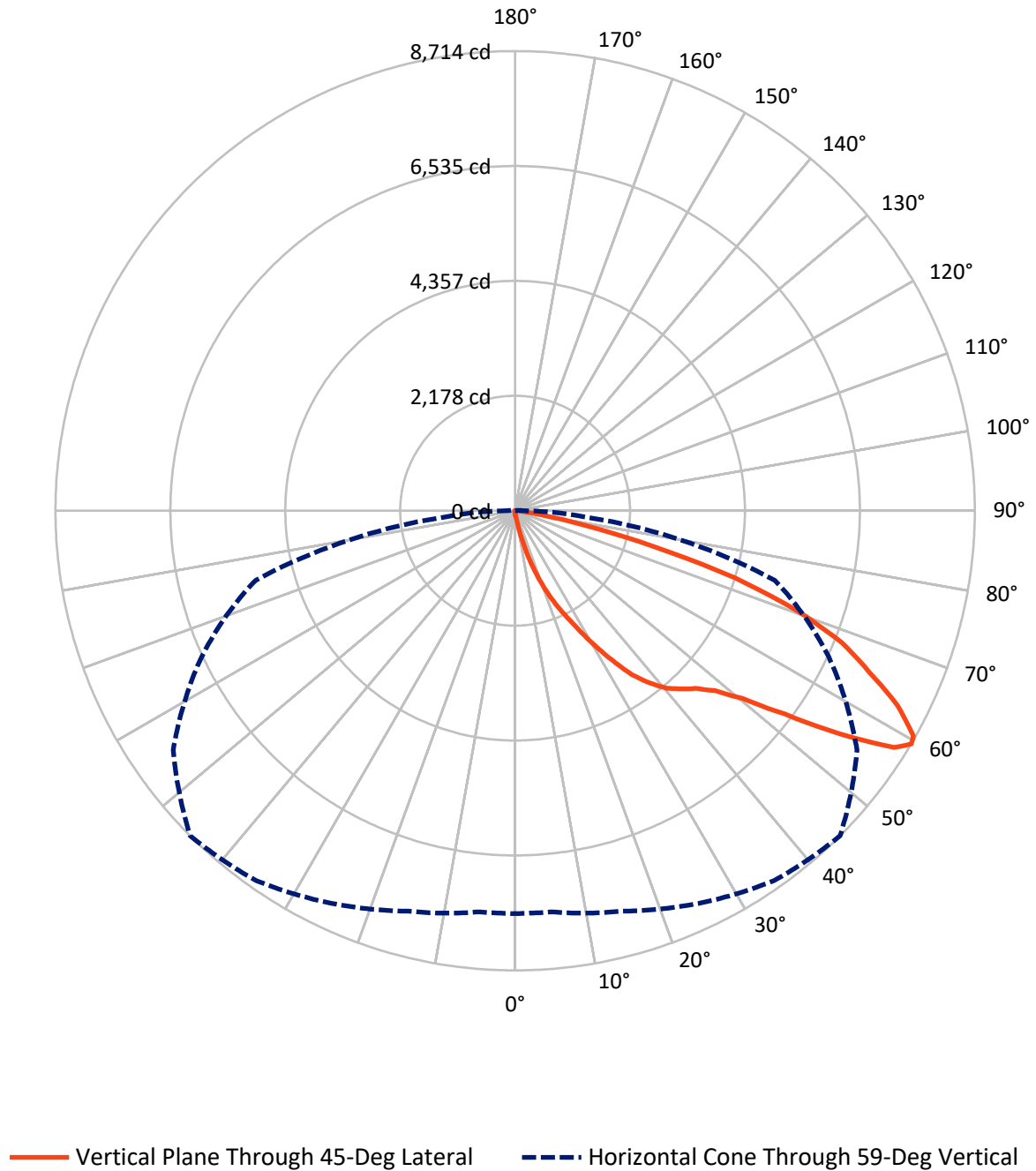


Based on 15 foot mounting height. Maximum calculated value = 11.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	38.0	0.0	38.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10676.2	0.0	10676.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	10714.2	0.0	10714.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.0	0.1
10°-20°	118.4	1.1
20°-30°	425.5	4.0
30°-40°	988.8	9.2
40°-50°	1685.3	15.7
50°-60°	2776.9	25.9
60°-70°	3210.7	30.0
70°-80°	1379.4	12.9
80°-90°	119.2	1.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10714.2	100.0
0°-180°	10714.2	100.0



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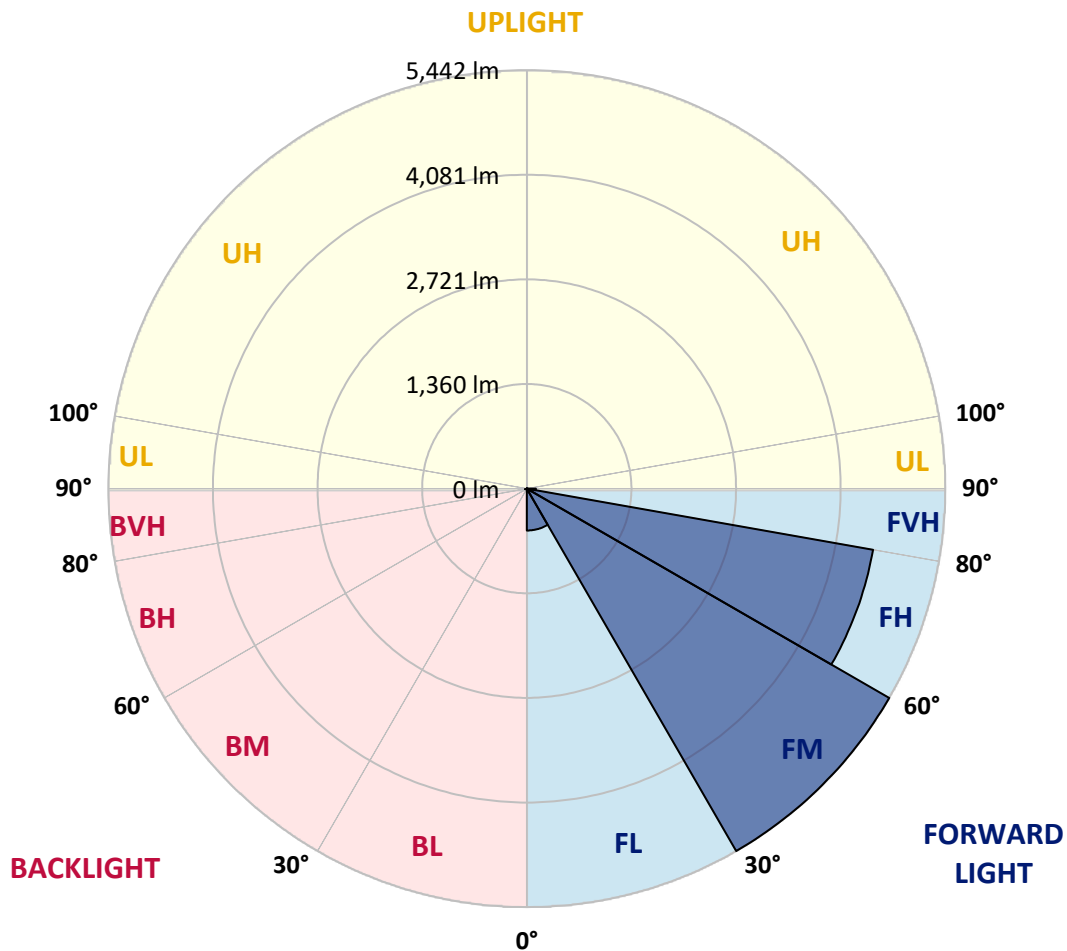
CATALOG NUMBER: NAV-SA2D-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	544.5	5.1			
FM	(30°-60°)	5441.8	50.8			
FH	(60°-80°)	4572.3	42.7			G2/5000
FVH	(80°-90°)	117.7	1.1			G2/225
BL	(0°-30°)	9.4	0.1	B0/110		
BM	(30°-60°)	9.2	0.1	B0/220		
BH	(60°-80°)	17.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
2.5°	87.9	87.9	85.7	82.8	82.1	80.0	80.0	77.8	74.9	72.8	69.9
5°	127.5	126.8	121.0	113.8	104.5	98.7	98.7	90.8	83.6	77.1	71.3
7.5°	278.8	272.3	251.4	216.8	171.5	141.2	139.0	113.1	95.8	82.8	72.0
10°	639.7	617.4	587.9	505.0	373.2	260.8	255.8	165.0	114.5	89.3	73.5
12.5°	1048.2	1066.2	1007.2	876.8	722.6	537.4	501.4	278.1	151.3	98.0	74.9
15°	1420.0	1415.6	1382.5	1275.9	1097.9	851.5	829.2	483.4	216.8	111.7	76.4
17.5°	1698.0	1693.0	1661.3	1592.9	1456.0	1209.6	1190.1	770.9	340.0	131.1	77.8
20°	1991.3	1984.8	1940.1	1885.4	1765.8	1556.1	1533.1	1092.2	532.4	162.8	77.8
22.5°	2342.8	2330.6	2283.0	2190.1	2064.0	1881.8	1860.9	1420.7	770.9	214.7	81.4
25°	2767.9	2747.0	2681.4	2597.9	2445.8	2203.8	2181.5	1786.7	1058.3	293.2	85.0
27.5°	3252.7	3256.3	3167.7	3026.5	2822.6	2575.5	2533.7	2114.5	1355.8	405.6	89.3
30°	3828.3	3792.3	3667.7	3503.4	3305.3	2990.5	2950.1	2440.8	1690.1	571.3	96.5
32.5°	4367.2	4328.3	4160.5	3953.7	3741.2	3409.1	3375.9	2807.5	1994.1	767.3	109.5
35°	4829.7	4802.4	4567.5	4315.4	4126.6	3829.8	3819.7	3216.7	2351.5	978.3	123.9
37.5°	5236.8	5187.1	4885.2	4623.7	4432.1	4166.2	4144.6	3591.3	2695.8	1223.3	145.5
40°	5584.0	5556.6	5188.5	4844.9	4689.3	4451.5	4424.1	3919.8	3051.7	1507.9	172.2
42.5°	5955.8	5919.7	5562.4	5177.0	4890.3	4635.9	4617.9	4190.7	3368.7	1820.5	211.8
45°	6375.8	6308.8	5995.4	5649.6	5213.7	4826.9	4806.7	4432.1	3693.6	2156.2	260.1
47.5°	6824.6	6766.2	6512.7	6269.9	5768.5	5141.7	5098.5	4637.4	4016.4	2543.8	321.3
50°	7281.3	7282.8	7092.6	6975.9	6446.4	5653.2	5591.9	4939.2	4355.7	2958.8	412.1
52.5°	7813.0	7826.7	7823.8	7737.4	7326.7	6489.6	6407.5	5397.4	4749.8	3442.9	537.4
55°	8035.6	8060.1	8219.3	8411.0	8299.3	7550.1	7462.2	6187.7	5272.1	3982.5	723.3
57.5°	7853.4	7880.7	8100.5	8436.2	8692.7	8478.7	8468.6	7216.5	5960.1	4636.7	1027.3
59°	7636.5	7632.9	7858.4	8214.3	8560.1	8699.1	8713.6	7912.4	6559.5	5095.6	1289.6
60°	7492.4	7495.3	7645.2	8010.4	8377.8	8619.2	8675.4	8322.4	6909.6	5425.5	1514.3
62.5°	6936.3	6969.4	7088.3	7427.6	7776.3	8045.7	8141.5	8687.6	7911.7	6205.0	2296.0
65°	6331.8	6334.0	6503.3	6793.6	7127.9	7317.4	7377.9	8119.2	8581.0	6998.9	3321.2
67.5°	5253.3	5297.3	5489.6	5960.1	6401.7	6641.6	6687.7	7067.4	8303.6	7516.2	3834.8
70°	3676.3	3734.0	4008.5	4618.7	5276.4	5670.5	5667.6	5875.1	7308.0	7285.7	3251.3
72.5°	1835.6	1935.1	2159.1	2812.5	3609.3	4228.2	4358.6	4726.0	5870.8	6051.6	2425.7
75°	811.2	817.0	944.5	1273.7	1793.9	2579.8	2696.6	3751.3	4504.1	4205.8	1752.1
77.5°	471.9	476.2	499.3	572.0	726.9	1264.3	1395.5	2460.3	3182.8	2444.4	1142.6
80°	171.5	175.8	175.1	216.8	318.4	497.8	554.7	1192.3	2123.1	1287.4	598.7
82.5°	105.2	105.2	101.6	102.3	116.0	190.9	208.9	507.9	1033.8	634.0	171.5
85°	51.9	54.8	58.4	65.6	77.8	94.4	100.1	145.5	348.0	153.5	41.1
87.5°	31.0	31.7	34.6	41.8	51.9	67.7	72.0	98.7	124.6	103.0	10.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
2.5°	68.4	67.7	64.1	61.2	58.4	55.5	53.3	51.2	51.2	51.9	51.2
5°	68.4	65.6	59.8	54.8	50.4	46.8	43.2	40.3	39.6	39.6	40.3
7.5°	67.7	64.1	56.2	49.7	43.9	38.9	35.3	31.7	31.0	31.7	31.0
10°	67.0	62.7	53.3	45.4	37.5	32.4	27.4	23.8	23.8	23.8	24.5
12.5°	67.0	60.5	50.4	41.1	32.4	26.7	21.6	18.0	17.3	17.3	17.3
15°	66.3	59.1	47.5	36.0	27.4	20.2	15.8	12.2	12.2	12.2	12.2
17.5°	64.8	56.9	43.9	31.7	21.6	15.1	10.8	7.2	7.2	8.6	8.6
20°	63.4	54.8	39.6	25.9	18.0	11.5	7.2	4.3	4.3	6.5	7.2
22.5°	64.1	54.8	36.7	23.1	14.4	8.6	5.8	3.6	2.9	5.0	6.5
25°	64.8	53.3	33.1	20.2	10.8	6.5	4.3	1.4	0.7	1.4	2.2
27.5°	64.8	51.9	28.8	15.8	7.9	5.0	2.2	0.0	0.0	0.0	0.0
30°	64.1	49.7	25.2	13.0	5.8	2.9	0.7	0.0	0.0	0.0	0.0
32.5°	63.4	47.5	23.1	10.1	5.0	1.4	0.0	0.0	0.0	0.0	0.0
35°	64.1	44.7	20.2	7.9	2.9	0.0	0.0	0.0	0.0	0.0	1.4
37.5°	66.3	41.8	17.3	6.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	69.2	39.6	14.4	5.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	74.9	39.6	13.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	82.1	39.6	10.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	91.5	40.3	9.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	103.0	41.8	8.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	111.7	40.3	7.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	126.8	38.9	7.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	147.0	36.7	7.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	167.1	33.9	7.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	190.2	32.4	6.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	314.1	28.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	606.6	27.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	980.5	27.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1030.9	27.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	685.8	22.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	367.4	20.2	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	198.1	18.7	2.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	87.2	13.7	3.6	2.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	34.6	9.4	4.3	3.6	2.9	1.4	0.0	0.0	0.0	0.0	0.0
85°	16.6	7.2	5.8	5.0	3.6	2.2	0.0	0.0	0.0	0.0	0.0
87.5°	7.9	7.2	6.5	5.8	5.0	3.6	0.7	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.02

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 1.71

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE\ R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison



Color Vector Graphics



Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)